

WASHING METHOD OF SELECTIVE PERMEABLE MEMBRANE

Publication number: JP55129107
Publication date: 1980-10-06
Inventor: YABUSHITA TOSHIO; TAKADONO SUMIO; IMAMURA
NAOOKI; TADA NAOKI
Applicant: NITTO ELECTRIC IND CO
Classification:
- international: B01D65/06; B01D65/00; (IPC1-7): B01D13/00;
B01D31/00
- European:
Application number: JP19790037601 19790328
Priority number(s): JP19790037601 19790328

[Report a data error here](#)

Abstract of JP55 129107

PURPOSE:To wash reasonably the selective permeable membrane having been used for treating proteinaceous material, by washing the membrane with oxidizing or reducing agent when the pollution index of the membrane surface is not smaller than a specific value. **CONSTITUTION:**In washing of a selective permeable membrane having been used for separation of a liq. contg. proteinaceous material, the membrane is washed with an oxidizing agent such as sodium hypochlorite, hydrogen peroxide etc., or with a reducing agent such as sodium sulfite, sodium thiosulfate etc. when the membrane pollution index, defined by the ratio of chemical oxygen demand to total residue on evaporation, is not smaller than 0.3. Hereby the proteinaceous material, which is adhered to the membrane surface to a degree not less than the critical value and is otherwise difficult to be removed, is easily removed, and the membrane performance is recovered economically by the reasonable treatment.

Data supplied from the esp@cenet database - Worldwide